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54 **Video memory control device.**

57 A video memory control device for a two-field video signal that is buffered in a memory (6) having capacity for one field. The phase of the writing to and reading from the memory (6) may be such that the fields are being swapped on output. To display the correct sequence without losing any fields, the reading address for one field is delayed by 1H (one horizontal scanning line period) or the reading address for the other field is advanced by 1H dependent on the detected phase. A similar technique may alternatively be applied to the writing side.

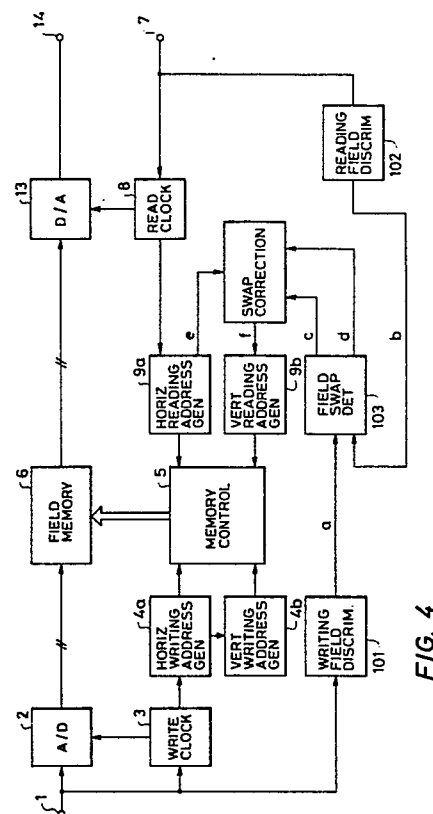


FIG. 4



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	WO-A-7 900 213 (ARVIN INDUSTRIES INC.) * Page 14, line 32 - page 16, line 25; figure 3 * ---	1,4	H 04 N 5/04 H 04 N 5/93
A	PATENT ABSTRACTS OF JAPAN, vol. 5, no. 109 (E-65)[781], 15th July 1981; & JP-A-56 48 758 (TOKYO SHIBAURA DENKI K.K.) 02-05-1981 * Abstract * ---	1,3,4	
A	GB-A-2 037 530 (SONY CORP.) * Page 4, lines 12-31; page 4, line 44 - page 5, line 22; figure 3 * ---	1,3,4	
A	WO-A-8 505 001 (MATSUSHITA) * Figure 6 * & US-A-4 733 312, colonne 9, line 29 - colonne 10, line 20; figure 6 ---	1,3,4	
E	US-A-4 698 676 (SONY CORP.) * Whole document * -----	1-4	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			H 04 N
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 04-10-1988	Examiner KLUZ F.M.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	